

DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

OFFICE ENGINEER

1727 30th Street MS-43

P.O. BOX 168041

SACRAMENTO, CA 95816-8041

FAX (916) 227-6214

www.dot.ca.gov/hq/esc/oe



*Serious Drought.
Help save water!*

June 5, 2015

04-Ala-84-22.9/25.7

04-297624

Project ID 0400020581

ACSTP-P084(042)E

Addendum No. 1

Dear Contractor:

This addendum is being issued to the contract for CONSTRUCTION ON STATE HIGHWAY IN ALAMEDA COUNTY IN AND NEAR LIVERMORE AND PLEASANTON FROM 0.1 MILE SOUTH OF RUBY HILL DR. TO 0.6 MILE NORTH OF CONCANNON BLVD.

Submit bids for this work with the understanding and full consideration of this addendum. The revisions declared in this addendum are an essential part of the contract.

Bids for this work will be opened on Wednesday, June 17, 2015.

This addendum is being issued to revise the project plans, the *Notice to Bidders and Special Provisions*, the *Bid book*, *Information Handout*, and the Federal Minimum Wages with Modification Number 15 dated 06/05/15.

Project plan sheets 1, 231, 234, 276, 295, 296, 297, 298, 299, 300, 301, 302, 307, 308, 309, 310, 311, 312, 313, 319, 320, 332, 333, 345, 348, 349, 350, 351, 352, 353, 448, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 459, 460, 461, 496, 546, 547, 549, 550, 551, 552, 554 and 596 are replaced and attached for substitution for the like-numbered sheets.

In the *Notice to Bidders and Special Provisions*, in the Registered Persons signature and seal sheets, the signature and seal sheets are replaced as attached:

In the *Notice to Bidders and Special Provisions*, in the "STANDARD PLANS LIST," the following Standard Plans are deleted as follows:

"RSP H5, RSP H6."

In the Special Provisions, Section 1-1.01, is replaced as attached.

In the Special Provisions, Section 2-1.06B Supplemental Project Information, is replaced as attached.

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In the Special Provisions, Section 5-1.36D, the fourth row of the table, "Utility Relocation and Contractor-Arranged Time for the Relocation," in the second paragraph is replaced as follows:

| | | | |
|-------------------------------|---|--|----|
| PG&E UG 6" Gas Line No. 2E | PG&E Gas Distribution (408) 205-8101 | "VIN" 22+23 67.99' Lt to "VIN" 21+59.96 48.41' Lt | 90 |
|-------------------------------|---|--|----|

In the Special Provisions, Section 6-2.03, is replaced as attached.

In the Special Provisions, Section 8-1.04C, is replaced as attached.

In the Special Provisions, Section 10-1.03, the eight paragraph is replaced as follows:

"Obtain permits from Cemex (RMC Pacific Materials, LLC.) and Pleasanton Gravel (Vulcan Materials) Quarries at least 30 days before working in the TCE."

In the Special Provisions, Section 10-8.04, "PAYMENT," the second sentence of the first paragraph is deleted.

In the Special Provisions, Section 12-2.03, "CONSTRUCTION," the first paragraph is replaced as follows:

"Install 2 Type 1 construction project funding signs at the locations designated by the Engineer before starting major work activities visible to highway users."

In the Special Provisions, Section 13-3.01A, is replaced as attached.

In the Special Provisions, Section 13-3.01B(1), is added as attached.

In the Special Provisions, Section 13-3.01B(2)(a), is added as attached.

In the Special Provisions, Section 46-3.01D is added as attached.

In the Special Provisions, Section 77-2.03A, the fifth paragraph is replaced as follows:

"After the new sewer line and appurtenance and the manholes have been installed and after the trench has been backfilled, and before connecting to the existing sewer system, conduct pressure testing, low pressure air testing or vacuum testing for leaks and videotaping of the sewer line. Test after at least 5 days after the thrust blocks are installed. Manholes must be tested before backfill placement."

In the Special Provisions, Section 86-2.09E, the revision clause, "**Delete the 8th paragraph of section 86-2.09E,**" is deleted.

The *Information Handout* is replaced as attached.

In the *Bid* book, in the "Bid Item List," Items 4, 26, 239, 248, 249, 250, 255, 262, 265, 271, 275, 285, 286 and 342 are replaced.

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To *Bid* book holders:

Inquiries or questions in regard to this addendum must be communicated as a bidder inquiry and must be made as noted in the *Notice to Bidders* section of the *Notice to Bidders and Special Provisions*.

Submit the *Bid* book as described in the *Electronic Bidding Guide* at the Bidders' Exchange website.

http://www.dot.ca.gov/hq/esc/oe/electronic_bidding/electronic_bidding.html

Inform subcontractors and suppliers as necessary.

This addendum, EBS addendum file, attachments and the modified wage rates are available for the Contractors' download on the Web site:

http://www.dot.ca.gov/hq/esc/oe/project_ads_addenda/04/04-297624

If you are not a *Bid* book holder, but request a book to bid on this project, you must comply with the requirements of this letter before submitting your bid.

Sincerely,



BIJAN SARTIP
District Director

Attachments

CONTRACT NO. 04-297624

The special provisions contained herein have been prepared by or under the direction of the following Registered Persons.

HIGHWAYS

ARBhoi

02/23/15

REGISTERED CIVIL ENGINEER



DRAINAGE

Analette A. Ochoa

02/23/15

REGISTERED CIVIL ENGINEER



ELECTRICAL

K. Chan

02/23/15

REGISTERED CIVIL ENGINEER



CONTRACT NO. 04-297624

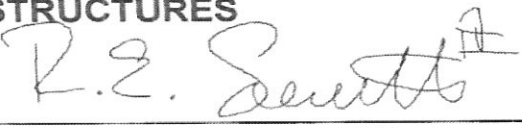
The special provisions contained herein
have been prepared by or under the
direction of the following Registered Persons.

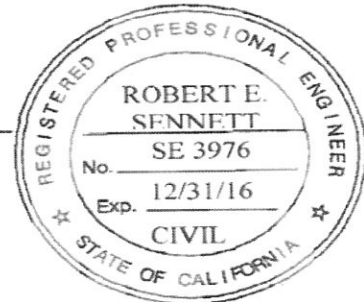
LANDSCAPE


02/23/15
LICENSED LANDSCAPE ARCHITECT




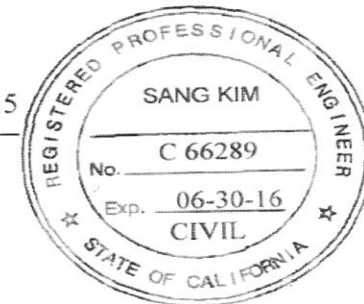
STRUCTURES


02/23/15
REGISTERED CIVIL ENGINEER




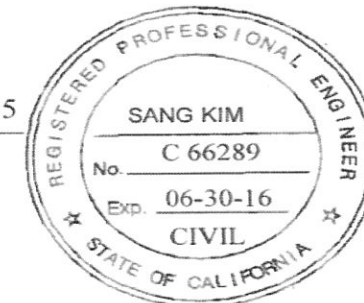
WATER


02/23/15
REGISTERED CIVIL ENGINEER



SANITARY SEWER


02/23/15
REGISTERED CIVIL ENGINEER



Add to section 1-1.01:

Bid Items and Applicable Sections

| Item code | Item description | Applicable section |
|-----------|---|--------------------|
| 733000 | Pre/Post Construction Survey | 5 |
| 028933 | Temporary Timber Construction Mat | 10 |
| 028934 | Ground Surface Monitoring Program | 10 |
| 028935 | Temporary Alternative Crash Cushion | 12 |
| 028936 | Temporary Creek Diversion System | 13 |
| 028937 | Temporary Dewatering and Non Storm Water Discharge Control System | 13 |
| 028938 | Remove Bollard | 15 |
| 028939 | Temporary Shoring (SQFT) | 19 |
| 028940 | Imported Biofiltration Soil (CY) | 21 |
| 044893 | Grape Vine Texture | 51 |
| 028941 | Rounded River Rock Texture | 51 |
| 044894 | Drill and Pressure Grout Reinforcement | 51 |
| 028942 | Install Sign (Pedestrian Barricade) | 56 |
| 028943 | 18" Temporary Alternative Slotted Pipe | 62 |
| 028944 | 4" Non-Perforated Plastic Pipe Underdrain | 68 |
| 028945 | 8" Non-Perforated Plastic Pipe Underdrain | 68 |
| 044895 | 20" Welded Steel Pipe (0.250" Thick) | 70 |
| 044896 | 30" Welded Steel Pipe (0.250" Thick) | 70 |
| 028946 | Filter Fabric | 72 |
| 028947 | Abandon Sewer Line | 77 |
| 028948 | Remove City of Livermore Sewer Manhole | 77 |
| 028949 | Abandon Water Line | 77 |
| 028950 | Abandon Exist Butterfly Valve (Zone 7) | 77 |
| 028951 | Remove 24" Gas Pipe | 77 |
| 028952 | Sand Backfill (Abandon Sewer) | 77 |
| 028953 | 30" Welded Steel Pipe Casing (0.5" thick) | 77 |

CONTRACT NO. 04-297624
REPLACED PER ADDENDUM NO. 2 DATED JUNE 5, 2015

| | | |
|--------|---|----|
| 028954 | Jacked 24" Welded Steel Pipe Casing (0.375" thick) | 77 |
| 028955 | Jacked 30" Welded Steel Pipe Casing (0.5" thick) | 77 |
| 028956 | 8" PVC (SDR35) Sewer Pipe | 77 |
| 028957 | 15" PVC (SDR35) Sewer Pipe | 77 |
| 028958 | 18" PVC (SDR35) Sewer Pipe | 77 |
| 028959 | 18" HDPE Sewer Pipe | 77 |
| 750002 | Miscellaneous Iron And Steel (Sewer System) | 77 |
| 028960 | Sewer Manhole (Type I) | 77 |
| 028961 | 4'X10' Utility Vault (Sewer System) | 77 |
| 028962 | Remove Existing Combination Air and Vacuum Release Valve (Zone 7) | 77 |
| 028963 | Remove Existing Cathodic Protection Test Station (Zone 7) | 77 |
| 028964 | Remove Existing Blowoff Valve (Zone 7) | 77 |
| 028965 | 3/4" Combination Air Release Valve | 77 |
| 028966 | 4'X10' Utility Vault | 77 |
| 028967 | 12" DIP Water Line (Calwater) | 77 |
| 028968 | 16" DIP Water Line (COP) | 77 |
| 028969 | 8" DIP Water Line (Calwater) | 77 |
| 028970 | Cement Mortar Lined and Cement Mortar Coated Steel Pipe (CL&C) | 77 |
| 028971 | 36" Butterfly Valve (Zone 7) | 77 |
| 028972 | Combination Air and Vacuum Release Valve (Zone 7) | 77 |
| 028973 | Cathodic Protection Test Station (Zone 7) | 77 |
| 028974 | Blowoff Valve (Zone 7) | 77 |
| 028975 | Connect to Existing Water Line | 77 |
| 028976 | 6" PVC Conduit (PG&E Electric Primary) | 77 |
| 028977 | 4" PVC Conduit (PG&E Electric Secondary) | 77 |
| 028978 | 2" PVC Conduit (PG&E Electric Secondary) | 77 |
| 028979 | 4" PVC Conduit (AT&T Telephone) | 77 |
| 028980 | Directional Bore With 16" Casing | 77 |
| 028981 | Jacked 20" Welded Steel Pipe Casing | 77 |
| 028982 | Number 6 PG&E Box (4'X6') | 77 |
| 028983 | Number 7 PG&E Box (4.5'X8.5') | 77 |

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REPLACED PER ADDENDUM NO. 2 DATED JUNE 5, 2015

| | | |
|--------|---|----|
| 028984 | Number 2 PG&E Box (1.5'X2.5') | 77 |
| 028985 | AT&T Box (2.5'X5') | 77 |
| 028986 | AT&T Box (2.5'X4') | 77 |
| 028987 | PG&E PM CAPACITOR PAD (6.8'X6') | 77 |
| 028988 | PG&E PM TRANSFORMER BOX PAD (3'X4.3') | 77 |
| 028989 | PG&E PM INTERRUPTER PAD (4'X4') | 77 |
| 028990 | 6" Steel Conduit (PG&E Electric Primary) | 77 |
| 028991 | Trenching and Backfill (Joint Trench) | 77 |
| 028992 | Architectural Concrete | 77 |
| 028993 | Stone Veneer | 77 |
| 028994 | City of Livermore Field Inlet | 77 |
| 028995 | City of Livermore Curb Inlet | 77 |
| 028996 | City of Livermore Manhole (Type I) | 77 |
| 028997 | City of Livermore Manhole (Type II) | 77 |
| 028998 | Jacked 18" Reinforced Concrete Pipe (Class II) | 78 |
| 028999 | Jacked 30" Reinforced Concrete Pipe (Class II) | 78 |
| 029000 | Jacked 36" Reinforced Concrete Pipe (Class III) | 78 |
| 029001 | Jacked 42" Reinforced Concrete Pipe (Class III) | 78 |
| 029002 | Wood Imitation Concrete Fence | 80 |
| 044897 | Tubular Bicycle Railing | 83 |
| 029003 | Crash Cushion (TYPE SCI-100GM) | 83 |
| 029004 | Signal and Lighting (Stage Construction) | 86 |
| 029005 | Emergency Vehicle Detection System | 86 |
| 029006 | Electric Service (Irrigation) (Location 1) | 86 |
| 029007 | Electric Service (Irrigation) (Location 2) | 86 |
| 029008 | Electric Service (Irrigation) (Location 3) | 86 |
| 029009 | Traffic Operations System | 86 |

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REPLACED PER ADDENDUM NO. 2 DATED JUNE 5, 2015

Add to section 2-1.06B:

The Department makes the following supplemental project information available:

| Supplemental Project Information | |
|---|---|
| Means | Description |
| Included in the <i>Information Handout</i> | <ol style="list-style-type: none"> 1. U.S. Army Corps of Engineers Permit SPN-2008-00396S, issued on April 11, 2011, June 1, 2012, and March 20, 2013. 2. California Dept. of Fish and Wildlife Permit Lake and Streambed Alteration Agreement #1600-2010-0372-R3, issued February 16, 2011 and a new Operations of Law Lake and Streambed Alteration Agreement (1600-2012-0433-R3) issued on March 20, 2013. 3. California Dept. of Fish and Wildlife Incidental Take Permit (ITP) (2081-2011-013-03), issued November 9, 2011 and ITP amendment (No. 1), issued November 13, 2014. 4. Regional Water Quality Control Board (RWQCB) 401 Water Certification; 02-01-C0990 issued June 15, 2011 and 401 Water Certification amendment (#1), issued February 2, 2015. 5. Biological Opinion issued by United States Fish And Wildlife Service #81420-2008-F-0592, issued on February 1, 2008, and the first BO amendment (81420-2008-F-0592-R001) issued on April 29, 2013 and the second BO amendment (reinitiation of consultation), issued January 8, 2015. 6. Storm Water Data Report 7. Storm Water Data Report Amendment Memo - Dated 10/2014 8. Storm Water Information Handout 9. Non Storm Water information handout 10. Bridge Design Hydraulic Study Report - Dated 11/14/2014 11. Conceptual Storm Water Pollution Prevention Plan 12. Geotechnical Design Report and Materials Report for Route 84 Expressway Widening, Livermore, California; 13. Soil and Groundwater Investigation Report; 14. Underground Classification – Dated 01/20/2015. <p>FOUNDATION REPORTS</p> <ol style="list-style-type: none"> 15. Retaining Walls 245, 246; dated 1/16/2015. 16. Arroyo Del Valle Bridge(widen) (Bridge No. 33-0710), dated 1/16/2015. 17. Arroyo Del Valle Trail Bridge Trail Bridge, dated 1/16/2015. 18. Water Availability, City of Livermore, dated 03/27/2015 19. PG&E Document #062288, Underground Conduits 20. PG&E Document #064309, Box-Pad for Pad-Mounted Transformers |
| Available as specified in the <i>Standard Specifications</i> | <ol style="list-style-type: none"> 1. Cross sections 2. As-built bridge plans for Arroyo Del Valle Bridge, Bridge No. 33-0710. |

Add to section 6-2.03:

The Department furnishes you with:

- Model 2070 controller assembly, including controller unit, completely wired controller cabinet, and detector sensor units

The Department furnishes you with completely wired controller cabinets with auxiliary equipment but without controller unit at 30 Rickard Street, San Francisco, CA 94134. At least 48 hours before you pick up the materials, inform the Engineer of what you will pick up and when you will pick it up.

Replace "Reserved" in section 8-1.04C with:

Section 8-1.04B does not apply.

Start job site activities within 15 days after receiving notice that the Contract has been approved by the Attorney General or the attorney appointed and authorized to represent the Department.

Do not start job site activities until the Department authorizes or accepts your submittal for:

1. CPM baseline schedule
2. Signed Conceptual Storm Water Pollution Prevention Plan (CSWPPP)
3. Notification of DRA or DRB nominee and disclosure statement
4. Contingency plan for opening closures to public traffic

You may enter the job site only to measure controlling field dimensions and locate utilities.

Do not start other job site activities until all the submittals from the above list are authorized or accepted and the following information is received by the Engineer:

1. *Notice of Materials To Be Used* form.
2. Written statement from the vendor that the order for the sign panels has been received and accepted by the vendor. The statement must show the dates that the materials will be shipped.
3. Written statement from the vendor that the order for electrical material has been received and accepted by the vendor. The statement must show the dates that the materials will be shipped.
4. Written statement from the vendor that the order for structural steel has been received and accepted by the vendor. The statement must show the dates that the materials will be shipped.

You may start job site activities before the 15th day after Contract approval if you:

1. Obtain specified authorization or acceptance for each submittal before the 15th day
2. Receive authorization to start

Submit a notice 72 hours before starting job site activities. If the project has more than 1 location of work, submit a separate notice for each location.

Add to section 13-3.01A:

The project is risk level 2.

A *Conceptual Storm Water Pollution Prevention Plan* (CSWPPP) has been prepared for the first 60 days of construction while the SWPPP is being developed and is available in the *Information Handout*. The CSWPPP covers only the following activities:

1. Perform clearing obstructions for the proposed outside pavement widening on Route 84 westbound and eastbound as shown. The activities include removal of existing trees, disposal of existing vegetation, and grading work.
2. Construct outside pavement widening along Route 84 westbound direction as shown.
3. Construct outside pavement widening along Route 84 eastbound direction as shown.
4. Construct Retaining Walls Nos. 236, 246, and MSE Wall No. 245 along Vallecitos Connector.

Activities other than activities listed above will require an approved SWPPP.

Comply with the CSWPPP for all construction activities listed above until your SWPPP is authorized.

Approved SWPPP supersedes the *Conceptual* SWPPP.

Replace section 13-3.01B(1) with:

13-3.01B(1) General

Provide the "Certification" included in the CSWPPP with all the required signatures and submit to the Engineer within 10 days of Contract approval. If amendment to the CSWPPP is necessary, submit amendment to the Engineer within 5 days of Contract approval. Do not start construction until your amendment is authorized.

Replace the 1st, 2nd and 3rd paragraphs in section 13-3.01B(2)(a) of the RSS for section 13 with:

13-3.01B(2)(a) General

Within 15 days of Contract approval:

1. Submit 3 copies of your SWPPP for review. Allow 7 days for the Department's review. The Engineer provides comments and specifies the date when the review stopped if revisions are required.
2. Change and resubmit a revised SWPPP within 7 days of receiving the Engineer's comments. The Department's review resumes when a complete SWPPP has been resubmitted. Allow 7 days for the Department's 2nd review. Change and resubmit a revised SWPPP within 3 days of receiving the Engineer's comments.
3. When the Engineer authorizes the SWPPP, submit an electronic copy and 4 printed copies of the authorized SWPPP.
4. If the RWQCB requires review of the authorized SWPPP, the Engineer submits the authorized SWPPP to the RWQCB for its review and comment.
5. If the Engineer requests changes to the SWPPP based on the RWQCB's comments, amend the SWPPP within 7 days.

Add to section 46-3.01D:

46-3.01D(4) Preconstruction Meeting

Schedule and hold a soil nail preconstruction meeting at least 5 business days after submitting the soil nails shop drawings and installation plan and at least 10 days before starting soil nail wall construction. You must provide a facility for the meeting.

The meeting must include the Engineer, your representatives, representatives from the soil nail subcontractor, geotechnical instrumentation specialist, and representatives from any other subcontractor to be involved in the soil nail wall construction. This includes representatives from the excavation subcontractor, shotcrete subcontractor and surveyors if different from you and the soil nail subcontractor.

The Engineer conducts the meeting. Be prepared to discuss:

1. Coordination of construction schedule and activities
2. Identification of contractual relationships and delineation of responsibilities among you and the subcontractors, particularly those pertaining to wall excavation, soil nail installation and testing, wall alignment survey control, shotcrete and wall facing construction
3. Communication protocol between the Engineer, you, subcontractors, surveyors and geotechnical instrumentation specialist.
4. Anticipated subsurface conditions
5. Excavation sequencing and maximum height of excavation lifts
6. Structural, geotechnical, and construction requirements
7. Settlement Monitoring and minimum clearance protocol for the 24 inch PG&E Gas line
8. Video Monitoring and surveying protocol along East Ruby Hill Drive
9. Load testing
10. Materials specifications
11. Wall alignment and drilled hole inclination tolerances

BID ITEM LIST

04-297624

| Item No. | Item Code | Item Description | Unit of Measure | Estimated Quantity | Unit Price | Item Total |
|----------|-----------|---|-----------------|--------------------|------------|------------|
| 1 | 070030 | LEAD COMPLIANCE PLAN | LS | LUMP SUM | LUMP SUM | |
| 2 | 080050 | PROGRESS SCHEDULE (CRITICAL PATH METHOD) | LS | LUMP SUM | LUMP SUM | |
| 3 | 090100 | TIME-RELATED OVERHEAD (WDAY) | WDAY | 450 | | |
| 4 | 028933 | TEMPORARY TIMBER CONSTRUCTION MAT | LS | LUMP SUM | LUMP SUM | |
| 5 | 028934 | GROUND SURFACE MONITORING PROGRAM | LS | LUMP SUM | LUMP SUM | |
| 6 | 120090 | CONSTRUCTION AREA SIGNS | LS | LUMP SUM | LUMP SUM | |
| 7 | 120100 | TRAFFIC CONTROL SYSTEM | LS | LUMP SUM | LUMP SUM | |
| 8 | 120120 | TYPE III BARRICADE | EA | 22 | | |
| 9 | 120165 | CHANNELIZER (SURFACE MOUNTED) | EA | 200 | | |
| 10 | 120182 | PORTABLE DELINEATOR | EA | 16 | | |
| 11 | 128652 | PORTABLE CHANGEABLE MESSAGE SIGN (LS) | LS | LUMP SUM | LUMP SUM | |
| 12 | 129000 | TEMPORARY RAILING (TYPE K) | LF | 33,500 | | |
| 13 | 129100 | TEMPORARY CRASH CUSHION MODULE | EA | 150 | | |
| 14 | 028935 | TEMPORARY ALTERNATIVE CRASH CUSHION | EA | 13 | | |
| 15 | 129150 | TEMPORARY TRAFFIC SCREEN | LF | 29,000 | | |
| 16 | 130100 | JOB SITE MANAGEMENT | LS | LUMP SUM | LUMP SUM | |
| 17 | 028936 | TEMPORARY CREEK DIVERSION SYSTEM | LS | LUMP SUM | LUMP SUM | |
| 18 | 130300 | PREPARE STORM WATER POLLUTION PREVENTION PLAN | LS | LUMP SUM | LUMP SUM | |
| 19 | 130310 | RAIN EVENT ACTION PLAN | EA | 70 | 500.00 | 35,000.00 |
| 20 | 130320 | STORM WATER SAMPLING AND ANALYSIS DAY | EA | 50 | | |

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| Item No. | Item Code | Item Description | Unit of Measure | Estimated Quantity | Unit Price | Item Total |
|----------|-----------|--|-----------------|--------------------|------------|------------|
| 21 | 130330 | STORM WATER ANNUAL REPORT | EA | 3 | 2,000.00 | 6,000.00 |
| 22 | 130505 | MOVE-IN/MOVE-OUT (TEMPORARY EROSION CONTROL) | EA | 22 | | |
| 23 | 130530 | TEMPORARY HYDRAULIC MULCH (BONDED FIBER MATRIX) | SQYD | 60,200 | | |
| 24 | 130570 | TEMPORARY COVER | SQYD | 680 | | |
| 25 | 130610 | TEMPORARY CHECK DAM | LF | 250 | | |
| 26 | 130620 | TEMPORARY DRAINAGE INLET PROTECTION | EA | 170 | | |
| 27 | 130640 | TEMPORARY FIBER ROLL | LF | 11,400 | | |
| 28 | 130670 | TEMPORARY REINFORCED SILT FENCE | LF | 23,700 | | |
| 29 | 130680 | TEMPORARY SILT FENCE | LF | 10,100 | | |
| 30 | 130710 | TEMPORARY CONSTRUCTION ENTRANCE | EA | 20 | | |
| 31 | 130720 | TEMPORARY CONSTRUCTION ROADWAY | SQYD | 89 | | |
| 32 | 130730 | STREET SWEEPING | LS | LUMP SUM | LUMP SUM | |
| 33 | 028937 | TEMPORARY DEWATERING AND NON STORM WATERDISCHARGE CONTROL SYSTEM | LS | LUMP SUM | LUMP SUM | |
| 34 | 130900 | TEMPORARY CONCRETE WASHOUT | LS | LUMP SUM | LUMP SUM | |
| 35 | 131103 | WATER QUALITY SAMPLING AND ANALYSIS DAY | EA | 110 | | |
| 36 | 131104 | WATER QUALITY MONITORING REPORT | EA | 5 | | |
| 37 | 141000 | TEMPORARY FENCE (TYPE ESA) | LF | 310 | | |
| 38 | 141103 | REMOVE YELLOW THERMOPLASTIC TRAFFIC STRIPE (HAZARDOUS WASTE) | LF | 48,900 | | |
| 39 | 141120 | TREATED WOOD WASTE | LB | 32,000 | | |
| 40 | 148005 | NOISE MONITORING | LS | LUMP SUM | LUMP SUM | |

BID ITEM LIST

04-297624

| Item No. | Item Code | Item Description | Unit of Measure | Estimated Quantity | Unit Price | Item Total |
|------------|-----------|--|-----------------|--------------------|------------|------------|
| 221 | 044896 | 30" WELDED STEEL PIPE (0.250" THICK) | LF | 210 | | |
| 222 | 705309 | 15" ALTERNATIVE FLARED END SECTION | EA | 1 | | |
| 223 | 705311 | 18" ALTERNATIVE FLARED END SECTION | EA | 12 | | |
| 224 | 705319 | 30" ALTERNATIVE FLARED END SECTION | EA | 1 | | |
| 225 | 705500 | AUTOMATIC DRAINAGE GATE | EA | 2 | | |
| 226 | 709522 | INLET DEPRESSION | EA | 16 | | |
| 227 (F) | 721013 | ROCK SLOPE PROTECTION (1/4 T, METHOD B) (CY) | CY | 540 | | |
| 228 (F) | 721015 | ROCK SLOPE PROTECTION (LIGHT, METHOD B) (CY) | CY | 512 | | |
| 229 (F) | 721022 | ROCK SLOPE PROTECTION (1T, METHOD B) | CY | 1,390 | | |
| 230 (F) | 721028 | ROCK SLOPE PROTECTION (NO. 2, METHOD B) (CY) | CY | 173 | | |
| 231 (F) | 722020 | GABION | CY | 20 | | |
| 232 | 028946 | FILTER FABRIC | SQYD | 440 | | |
| 233 | 729011 | ROCK SLOPE PROTECTION FABRIC (CLASS 8) | SQYD | 2,120 | | |
| 234 | 730040 | MINOR CONCRETE (GUTTER) (LF) | LF | 1,720 | | |
| 235 | 731502 | MINOR CONCRETE (MISCELLANEOUS CONSTRUCTION) | CY | 170 | | |
| 236 | 731519 | MINOR CONCRETE (STAMPED CONCRETE) | SQFT | 1,340 | | |
| 237 | 733000 | PRE/POST CONSTRUCTION SURVEYS | LS | LUMP SUM | LUMP SUM | |
| 238 (F) | 750001 | MISCELLANEOUS IRON AND STEEL | LB | 46,009 | | |
| 239 | 750002 | MISCELLANEOUS IRON AND STEEL (SEWER SYSTEM) | LB | 13,500 | | |
| 240 | 750020 | RIGID RAIL FALL PROTECTION SYSTEM | EA | 16 | | |

BID ITEM LIST

04-297624

| Item No. | Item Code | Item Description | Unit of Measure | Estimated Quantity | Unit Price | Item Total |
|----------|-----------|---|-----------------|--------------------|------------|------------|
| 241 (F) | 750501 | MISCELLANEOUS METAL (BRIDGE) | LB | 1,946 | | |
| 242 | 028947 | ABANDON SEWER LINE | LF | 6,330 | | |
| 243 | 028948 | REMOVE CITY OF LIVERMORE SEWER MANHOLE | EA | 21 | | |
| 244 | 028949 | ABANDON WATERLINE | LF | 2,800 | | |
| 245 | 028950 | ABANDON EXIST BUTTERFLY VALVE (ZONE 7) | EA | 1 | | |
| 246 | 028951 | REMOVE 24" GAS PIPE | LF | 370 | | |
| 247 | 028952 | SAND BACKFILL (ABANDON SEWER) | CY | 290 | | |
| 248 | 028953 | 30" WELDED STEEL PIPE CASING (0.5" THICK) | LF | 190 | | |
| 249 | 028954 | JACKED 24" WELDED STEEL PIPE CASING (0.375" THICK) | LF | 220 | | |
| 250 | 028955 | JACKED 30" WELDED STEEL PIPE CASING (0.5" THICK) | LF | 180 | | |
| 251 | 028956 | 8" PVC (SDR35) SEWER PIPE | LF | 220 | | |
| 252 | 028957 | 15" PVC (SDR35) SEWER PIPE | LF | 1,310 | | |
| 253 | 028958 | 18" PVC (SDR35) SEWER PIPE | LF | 4,070 | | |
| 254 | 028959 | 18" HDPE SEWER PIPE | LF | 210 | | |
| 255 | 028960 | SEWER MANHOLE (TYPE I) | EA | 31 | | |
| 256 | 028961 | 4'X10' UTILITY VAULT (SEWER SYSTEM) | EA | 2 | | |
| 257 | 028962 | REMOVE EXISTING COMBINATION AIR AND VACUUM RELEASE VALVE (ZONE 7) | EA | 3 | | |
| 258 | 028963 | REMOVE EXISTING CATHODIC PROTECTION TESTSTATION (ZONE 7) | EA | 4 | | |
| 259 | 028964 | REMOVE EXISTING BLOWOFF VALVE (ZONE 7) | EA | 1 | | |
| 260 | 028965 | 3/4" COMBINATION AIR RELEASE VALVE | EA | 1 | | |

BID ITEM LIST

04-297624

| Item No. | Item Code | Item Description | Unit of Measure | Estimated Quantity | Unit Price | Item Total |
|----------|-----------|--|-----------------|--------------------|------------|------------|
| 261 | 028966 | 4'X10' UTILITY VAULT | EA | 2 | | |
| 262 | 028967 | 12" DIP WATER LINE (CALWATER) | LF | 1,790 | | |
| 263 | 028968 | 16" DIP WATER LINE (COP) | LF | 850 | | |
| 264 | 028969 | 8" DIP WATER LINE (CALWATER) | LF | 20 | | |
| 265 | 028970 | CEMENT MORTAR LINED AND CEMENT MORTAR COATED STEEL PIPE (CL&C) | LF | 250 | | |
| 266 | 028971 | 36" BUTTERFLY VALVE (ZONE 7) | EA | 1 | | |
| 267 | 028972 | COMBINATION AIR AND VACUUM RELEASE VALVE(ZONE 7) | EA | 3 | | |
| 268 | 028973 | CATHODIC PROTECTION TEST STATION (ZONE 7) | EA | 4 | | |
| 269 | 028974 | BLOWOFF VALVE (ZONE 7) | EA | 1 | | |
| 270 | 028975 | CONNECT TO EXISTING WATER LINE | EA | 4 | | |
| 271 | 028976 | 6" PVC CONDUIT (PG&E ELECTRIC PRIMARY) | LF | 4,560 | | |
| 272 | 028977 | 4" PVC CONDUIT (PG&E ELECTRIC SECONDARY) | LF | 720 | | |
| 273 | 028978 | 2" PVC CONDUIT (PG&E ELECTRIC SECONDARY) | LF | 20 | | |
| 274 | 028979 | 4" PVC CONDUIT (AT&T TELEPHONE) | LF | 6,190 | | |
| 275 | 028980 | DIRECTIONAL BORE WITH 16" CASING | LF | 340 | | |
| 276 | 028981 | JACKED 20" WELDED STEEL PIPE CASING | LF | 130 | | |
| 277 | 028982 | NUMBER 6 PG&E BOX (4'X6') | EA | 2 | | |
| 278 | 028983 | NUMBER 7 PG&E BOX (4.5'X8.5') | EA | 8 | | |
| 279 | 028984 | NUMBER 2 PG&E BOX (1.5'X2.5') | EA | 2 | | |
| 280 | 028985 | AT&T BOX (2.5'X5') | EA | 2 | | |

BID ITEM LIST
04-297624

| Item No. | Item Code | Item Description | Unit of Measure | Estimated Quantity | Unit Price | Item Total |
|----------|-----------|---|-----------------|--------------------|------------|------------|
| 281 | 028986 | AT&T BOX (2.5'X4') | EA | 4 | | |
| 282 | 028987 | PG&E PM CAPACITOR PAD (6.8'X6') | EA | 1 | | |
| 283 | 028988 | PG&E PM TRANSFORMER BOX PAD (3'X4.3') | EA | 1 | | |
| 284 | 028989 | PG&E PM INTERRUPTER PAD (4'X4') | EA | 1 | | |
| 285 | 028990 | 6" STEEL CONDUIT (PG&E ELECTRIC PRIMARY) | LF | 560 | | |
| 286 | 028991 | TRENCHING AND BACKFILL (JOINT TRENCH) | CY | 1,460 | | |
| 287 | 028992 | ARCHITECTURAL CONCRETE | CY | 7 | | |
| 288 (F) | 028993 | STONE VENEER | SQFT | 365 | | |
| 289 | 028994 | CITY OF LIVERMORE FIELD INLET | EA | 4 | | |
| 290 | 028995 | CITY OF LIVERMORE CURB INLET | EA | 3 | | |
| 291 | 028996 | CITY OF LIVERMORE MANHOLE (TYPE I) | EA | 2 | | |
| 292 | 028997 | CITY OF LIVERMORE MANHOLE (TYPE II) | EA | 12 | | |
| 293 | 028998 | JACKED 18" REINFORCED CONCRETE PIPE (CLASS II) | LF | 72 | | |
| 294 | 028999 | JACKED 30" REINFORCED CONCRETE PIPE (CLASS II) | LF | 150 | | |
| 295 | 029000 | JACKED 36" REINFORCED CONCRETE PIPE (CLASS III) | LF | 75 | | |
| 296 | 029001 | JACKED 42" REINFORCED CONCRETE PIPE (CLASS III) | LF | 59 | | |
| 297 | 800321 | CHAIN LINK FENCE (TYPE CL-4, VINYL-CLAD) | LF | 10,740 | | |
| 298 | 800361 | CHAIN LINK FENCE (TYPE CL-6, VINYL-CLAD) | LF | 7,150 | | |
| 299 | 029002 | WOOD IMITATION CONCRETE FENCE | LF | 270 | | |
| 300 | 802580 | 12' CHAIN LINK GATE (TYPE CL-6) | EA | 14 | | |

BID ITEM LIST
04-297624

| Item No. | Item Code | Item Description | Unit of Measure | Estimated Quantity | Unit Price | Item Total |
|----------|-----------|--|-----------------|--------------------|------------|------------|
| 341 | 029004 | SIGNAL AND LIGHTING (STAGE CONSTRUCTION) | LS | LUMP SUM | LUMP SUM | |
| 342 | 029005 | EMERGENCY VEHICLE DETECTION SYSTEM | LS | LUMP SUM | LUMP SUM | |
| 343 | 860705 | INTERCONNECTION CONDUIT AND CABLE (LS) | LS | LUMP SUM | LUMP SUM | |
| 344 | 029006 | ELECTRIC SERVICE (IRRIGATION) (LOCATION 1) | LS | LUMP SUM | LUMP SUM | |
| 345 | 029007 | ELECTRIC SERVICE (IRRIGATION) (LOCATION 2) | LS | LUMP SUM | LUMP SUM | |
| 346 | 029008 | ELECTRIC SERVICE (IRRIGATION) (LOCATION 3) | LS | LUMP SUM | LUMP SUM | |
| 347 | 029009 | TRAFFIC OPERATIONS SYSTEM | LS | LUMP SUM | LUMP SUM | |
| 348 | 999990 | MOBILIZATION | LS | LUMP SUM | LUMP SUM | |

TOTAL BID:

\$
